

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,825,017 B1  
DATED : November 30, 2004  
INVENTOR(S) : Browse et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 34, "1123:126" should read -- 1123:18-26 --.

Line 53, "dihomoy- $\gamma$ -linolic" should read -- dihomoy- $\gamma$ -linolic --.

Column 2,

Line 2, "Brenner." should read -- Brenner, --.

Line 14, " $\Delta^5$ " should read --  $\Delta^6$  --.

Line 17, " $\Delta^8$ -desaturase" should read --  $\Delta^5$ -desaturase --.

Line 32, "20:3,," should read -- 0:3. --.

Column 3,

Line 57, " $\Delta^8$ ," should read --  $\Delta^6$ -, --.

Column 4,

Line 6, "fiction" should read -- function --.

Line 15, "recolibinant" should read -- recombinant --.

Line 16, "eithercontrol" should read -- either control --.

Line 30, "product;" should read -- product, --.

Line 30, "bracket" should read -- bracket. --.

Column 5,

Line 13, "(11.1911.12 min.);" should read -- (11.19-11.12 min.) --.

Lines 14-15, "(11.6411.65 min.);" should read -- (11.64-11.65 min.) --.

Lines 58 and 60, "probst" should read -- protist --.

Column 6,

Line 59, "desaturase-ncoding" should read -- desaturase-encoding --.

Column 8,

Line 6, "set-to-" should read -- set to --.

Line 30, "CABIOS4:11-17," should read -- CABIOS 4:11-17, --.

Column 10,

Line 33, "Nativ :." should read -- Native: --.

Column 11,

Line 9, "7A" should read -- 7A. --.

Line 14, "and-consistently" should read -- and consistently --.

Line 30, "7A" should read -- 7A. --.

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Column 12,

Line 19, " $\neq^5$  - or or" should read --  $\Delta^5$  - or --.

Column 13,

Line 6, "plantene" should read -- plant-gene --.

Line 16, "*wunl*" should read -- *wunl* --.

Line 21, "*Ceti*" should read -- *Cell* --.

Line 51, "plant" should read -- plant. --.

Column 14,

Line 24, "include." should read -- include: --.

Line 45, "Isoforms")" should read -- Isoforms"). --.

Column 15,

Line 21, "5-bromo-4-chloro-3-indoyl" should read -- 5-bromo-4-chloro-3-indolyl --.

Column 16,

Line 28, "Laboratory," should read -- Laboratory Press, --.

Column 17,

Line 44, "BLAS<sup>tm</sup>" should read -- BLAST<sup>tm</sup> --.

Line 45, " $\Delta^8$ -desaturase" should read --  $\Delta^6$ -desaturase --.

Line 67, "(GGCTGGCTGACNCAYGARTYTYGYCAY;" should read  
-- (GGCTGGCTGACNCAYGARTTYTYGYCAY; --.

Column 18,

Lines 53-54, "[CCCGGGAAGCTTCTCGAGGATTTTTCAATCCTCCTTGGGTC;"  
should read

-- [CCCGGGAAGCTTCTCGAGGAATTTTTCAATCCTCCTTGGGTC; --.

Line 55, "1942" should read -- 19-42 --.

Line 59, "BamH-II" should read -- BamH1 --.

Line 60, "interest" should read -- interest --.

Line 61, "CCCGGGTGGATCCGGMCATATCACACGAAACAG;" should read  
-- CCCGGGTGGATCCGGAACATATCACACGAAACAG; --.

Column 19,

Line 9, "A" should read -- A. --.

Line 43, "BamHIII" should read -- BamH1 --.

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Column 21,

Line 28, "QXHH" should read -- QXXHH --.  
Line 29, "colned" should read -- cloned --.  
Line 36, " $\Delta^8$ -desaturase" should read --  $\Delta^6$ -desaturase --.  
Line 65, "*cereviae*" should read -- *cerevisiae* --.

Column 22,

Line 32, "33:343353," should read -- 33:343-353, --.  
Line 56, " $\Delta^5$ -desaturase" should read --  $\Delta^6$ -desaturase --.  
Lines 66-67, "polyadenyladon" should read -- polyadenylation --.

Column 23,

Line 27, "numberZ81122" should read -- number Z81122 --.

Column 24,

Line 2, "FAT-3,," should read -- FAT-3, --.  
Line 2, "FATA," should read -- FAT-4, --.  
Line 4, "th" should read -- the --.  
Line 30, "htd" should read -- had --.

Column 25,

Line 5, " $18:14\Delta^{11}$ ," should read --  $8:1\Delta^{11}$ , --.  
Line 5, " $18:2\Delta^{8,11}$ ," should read --  $8:2\Delta^{5,11}$ , --.  
Lines 19-20, " $20:3\Delta^{11,14,17}$ ," should read --  $20:3\Delta^{11,14,17}$ , --.  
Lines 26-27, " $20:3\Delta^{5,14,17}$ ," should read --  $20:3\Delta^{5,14,17}$ , --.  
Lines 30-31, " $(20:4\Delta^{5,8,11,17})$ " should read --  $(20:4\Delta^{5,8,11,17})$  --.  
Line 44, " $18:4\Delta^{8,9,12,15}$ ," should read --  $18:4\Delta^{6,9,12,15}$ , --.  
Lines 44-45, " $20:2\Delta^{11,14,20:3\Delta^{8,11,14}}$ ," should read --  $20:2\Delta^{11,14}, 20:3\Delta^{8,11,14}$ , --.

Column 26,

Line 62, " $\Delta^6$ " should read --  $\Delta^5$  --.

Column 27,

Line 17, "Kom," should read -- Korn --.  
Line 21, "388:113-125,1975" should read -- 388:113-125, 1975 --.  
Line 30, "*Essent*" should read -- *Essent.* --.  
Line 51, "absent" should read -- absent. --.  
Line 56, " $\Delta^8$ " should read --  $\Delta^6$  --.  
Line 64, "C" should read -- C. --.

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Column 28,

Line 34, "diet" should read -- diet. --.

Line 39, "20:2<sup>1,14</sup>" should read -- 20:2 $\Delta^{11,14}$  --.

Line 61, "this-animal" should read -- this animal --.

Column 29,

Line 51, "agent" should read -- agent. --.

Column 30,

Line 2, "development" should read -- development. --.

Line 8, "T24A1B" should read -- T24A18 --.

Line 19, "JITi 19" should read -- JIT119 --.

Line 32, "Gener" should read -- Genet. --.

Line 49, "s lection" should read -- selection --.

Lines 48-49, "20:3 $\Delta^{5,8,11}$ " should read -- 20:3 $\Delta^{5,8,11}$  --.

Column 50,

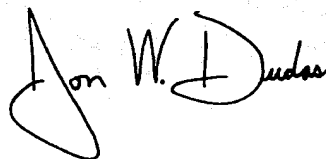
Line 66, "claim 21, wherein" should read -- claim 19, wherein --.

Column 52,

Line 4, "claim 21, wherein" should read -- claim 24, wherein --.

Signed and Sealed this

Seventh Day of February, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
Director of the United States Patent and Trademark Office